Write all the factors of 36.

1, 2, 3, 4, 6, 9, 12, 18, 36

Write 420 in prime factored form:

\[ 2 \cdot 2 \cdot 3 \cdot 5 \cdot 7 \]

Write an equation which expresses the following: DO NOT SOLVE

Twelve minus twice a number is 93

\[ 12 - 2x = 93 \]

Translate the following into algebraic expressions: (Read very carefully; use colored pencils to help you if you like)

The quotient of 5 and the sum of 9 and \( x \)

Answer: \( \frac{5}{9 + x} \)

Twenty less than the product of \( x \) and 4.

\[ 4x - 20 \]

Write “62% of \( x \)” as an algebraic expression using decimals.

\[ .62x \]

Translate into a word sentence using quotient, sum, difference, or product:

\[ \frac{46}{a} = 23 \quad 2x - y = z \]

23 is the quotient of 46 and \( a \) \hspace{1cm} \text{The difference of twice } x \text{ and } y \text{ is } z